

Docket No.: 32011-224744
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Otomo et al.

Art Unit: Not Yet Assigned

Application No: 10/554,059

Examiner: Not Yet Assigned

Confirmation No: 7920

Filed: October 24, 2005

Atty. Docket No: 32011-224744

For: MOLECULAR BONDING METHOD AND
MOLECULAR BONDING DEVICE

Customer No:

26694

26694

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

Relevance of the non-English language reference(s) is discussed in the present specification.

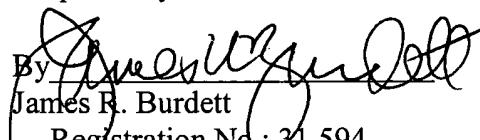
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 32011-224744. A duplicate copy of this paper is enclosed.

Dated:

Respectfully submitted,

By 
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/554,059
				Filing Date	October 24, 2005
				First Named Inventor	Akiro Otomo
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	32011-224744

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CC	Nanotechnology and Polymers, Ed. The Society of Polymer Science of Japan, NTS, second lecture, "The Role of Polymers in Nanofabrication".	
	CD	B.J. McIntyre, M. Salmeron and G.A. Somorjai, Science 265, 1415-1418 (1994).	
	CE	R.D. Piner, J. Zhu, F. Xu, S. Hong and C.A. Mirkin, Science 283, 661-663 (1999).	
	CF	Y. Okawa and M. Aono, J. Chem. Phys. 115, 2317, (2001).	
	CG	G. Dujardin, R. E. Walkup, Ph. Avouris, Science 255, 1232 (1992).	
	CH	T. Ono and M. Esashi, Jpn. J. Appl. Phys. 37, 6745-6749 (1998).	
	CI	S. Tanaka et al., Jpn. J. Appl. Phys. 37, 6739-6744 (1998).	
	CJ	Y. Yamamoto et al., Appl. Phys. Lett. 76, 2173 (2000).	
	CK	H. Wolf et al., J. Phys. Chem. 99, 7102 (1995).	
	CL	P.E. Laibinis and G.M. Whitesides, J. Am. Chem. Soc. 114, 1990 (1992).	
	CM	A. Ulman, Chem. Rev. 96, 1533 (1996).	
	CN	M.R. Linford, P. Fenter, R.M. Eisenberger, C.E.D. Chindsey, J. Am. Chem Soc. 117, 3145 (1995).	
	CO	J. Sagiv, J. Am Chem. Soc. 102, 92 (1980).	
	CP	H. Lee et al., J. Phys. Chem. 92 2597 (1988).	
	CQ	D.L. Allara and R.G. Nuzzo, Langmuir 1, 52 (1985).	
	CR	"Solar light induced carbon-carbon bond formation via TiO2 photocatalysis," Laura Cermenati, Christoph Richter and Angelo Albini, Chem. Commun., 805-806 (1998).	
	CS	"Radical addition to alkenes via electron transfer photosensitization," M. Fagnoni, M. Mella and A. Albini, J. Am. Chem. Soc. 117, 7877 (1995).	
	CT	"Electron-transfer-photosensitized conjugate alkylation," M. Fagnoni, M. Mella and A. Albini, J. Org. Chem. 63, 4026 (1998).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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